

Conceptual Terminal Plan July 20, 2006

McClellan - Palomar Airport

WADELL ENGINEERING CORPORATION

AIRPORT PLANNING | ENGINEERING | MANAGEMENT CONSULTANTS

Gensier

Aviation & Transportation

Design Goals



- To organize, consolidate, and modernize the terminal facilities that exist at the airport
- To improve safety by modernizing passenger and baggage screening and by shielding facilities from parked vehicles
- To enhance the passenger experience by providing improved accommodations, services and amenities
- To work within established environmental, schedule and financial constraints
- To reduce life-cycle and maintenance costs by applying sustainable design principles



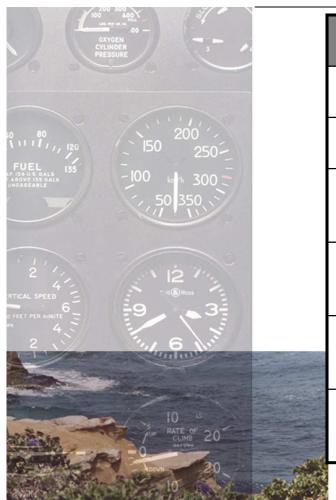
Project Constraints



- Construction of no more than 24,000 square feet to replace existing facilities
- Develop new terminal within existing terminal area site with access from Palomar Airport Way
- Make terminal convenient to planned off-airport parking near Owens Avenue
- Provide close-in parking that meets TSA security requirements
- Construction complete by December 2008 to meet funding commitments



Program Comparison



	Existing	Proposed
Ticketing Lobby	1,146 sf	3,000 sf
Holdroom Area	490 sf	1800 sf
Baggage Claim Area	200 sf	900 sf
Passenger Screening Area	627 sf	1,100 sf
Bag Screening Area	193 sf	450 sf
Concession Area	114 sf	2,400 sf

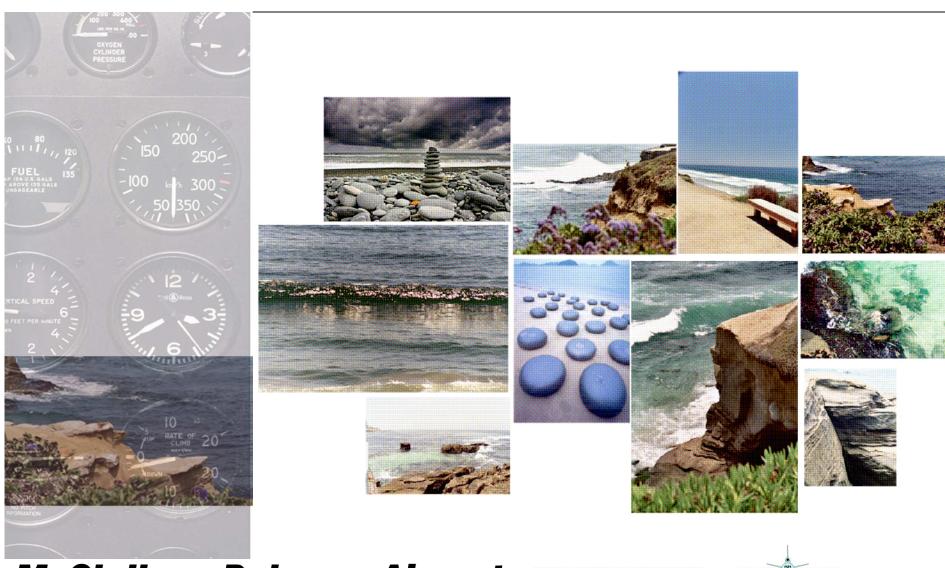
McClellan - Palomar Airport

WADELL ENGINEERING CORPORATION





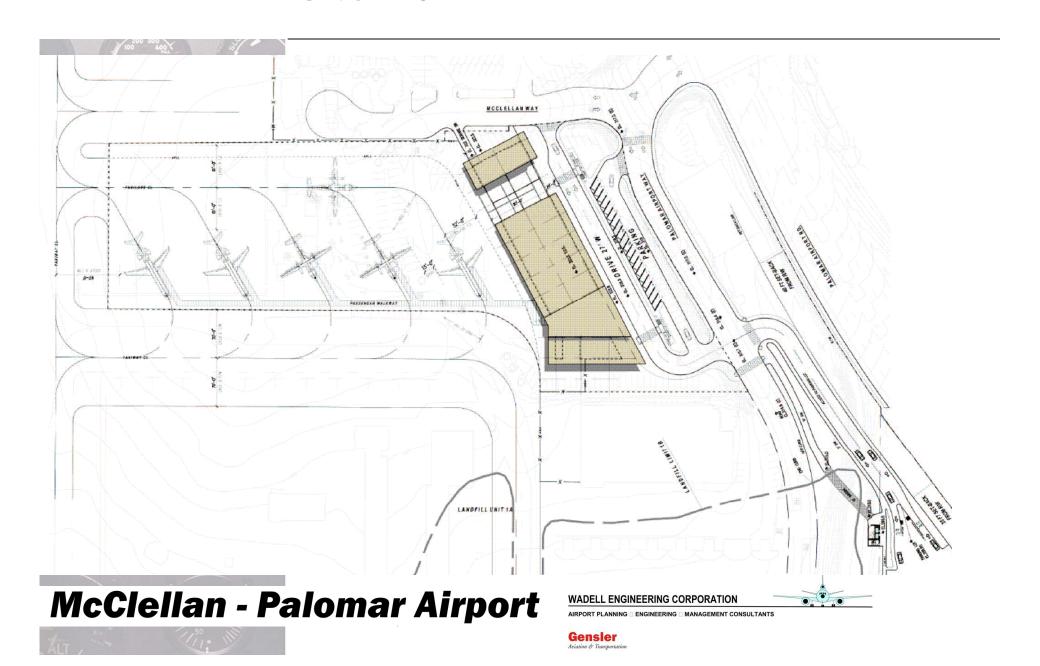
Concept Imagery: Land-Sea Interface



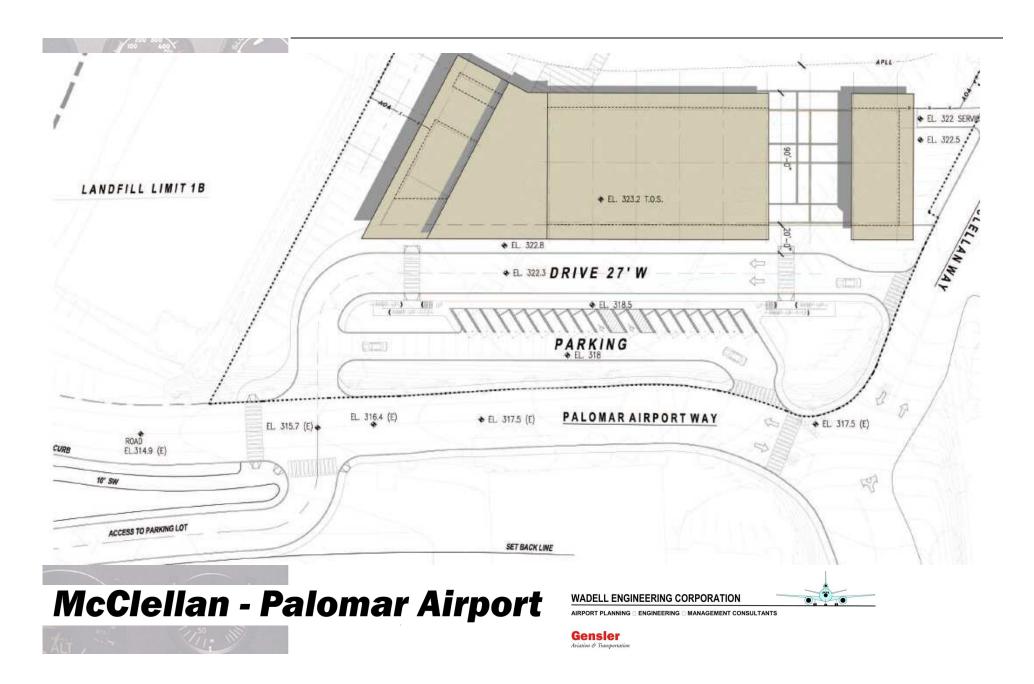




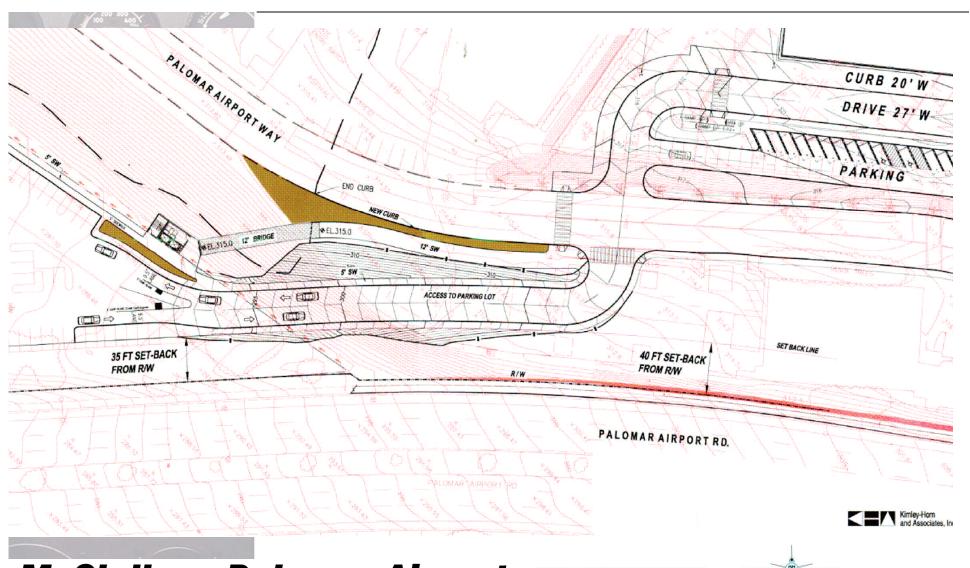
Site Plan



Terminal Landside Plan



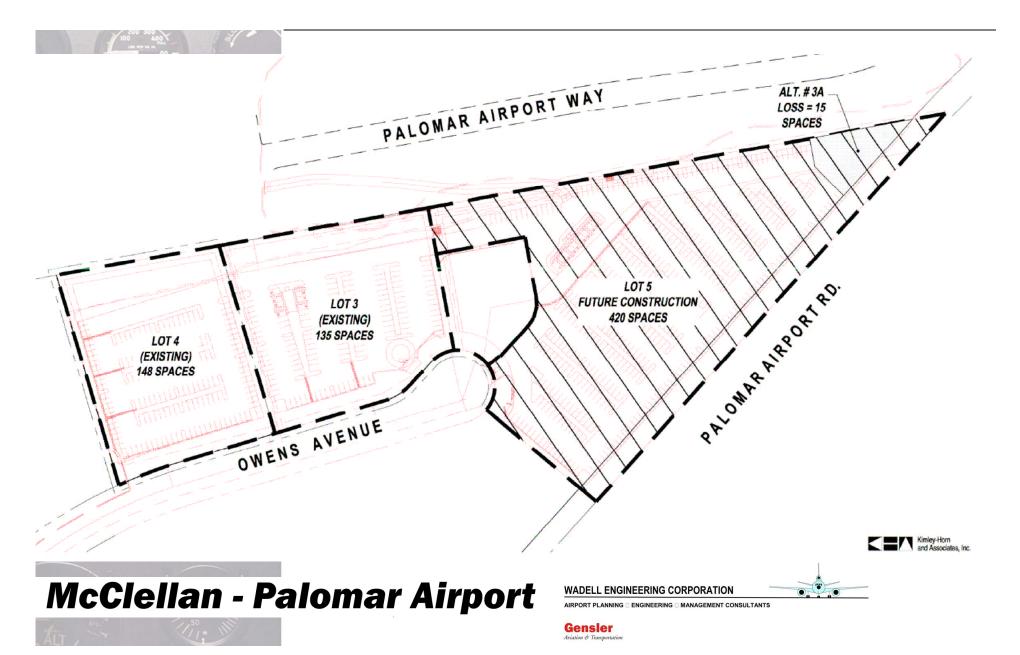
Off-Airport Parking Access Plan



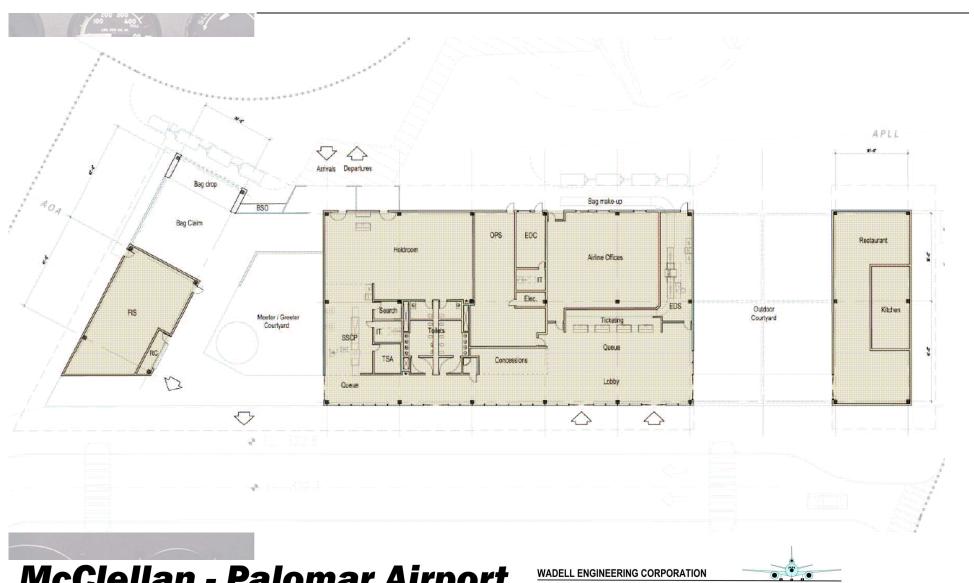




Off-Airport Parking Lot



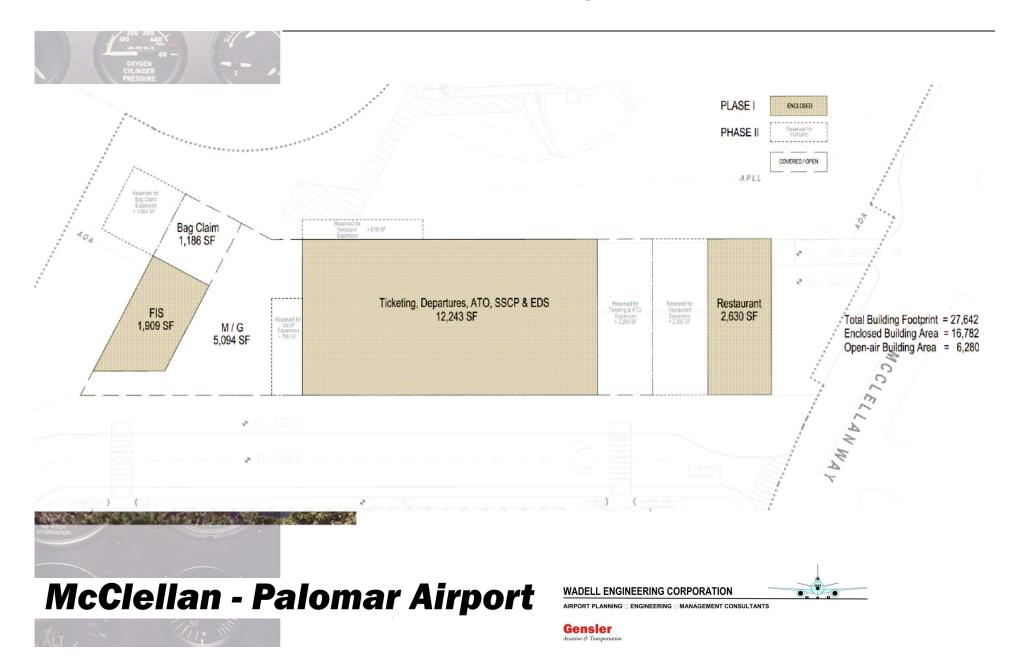
Terminal Floor Plan



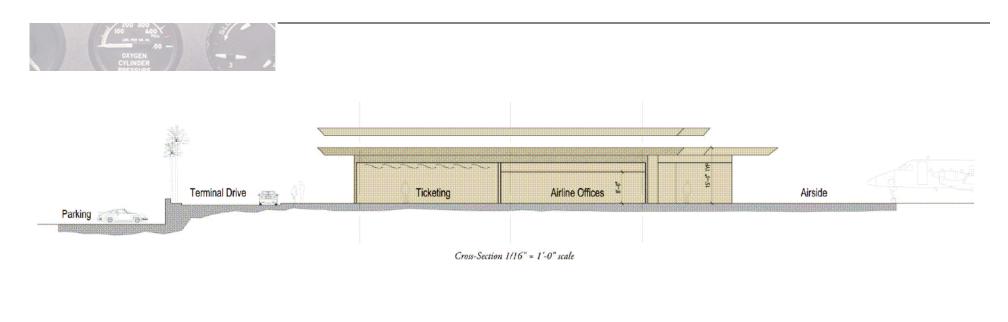


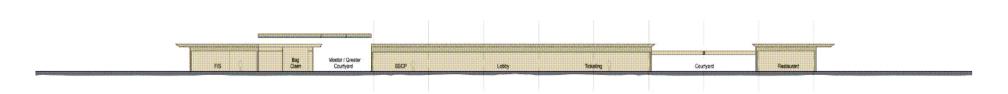


Future Flexibility Plan



Building Sections



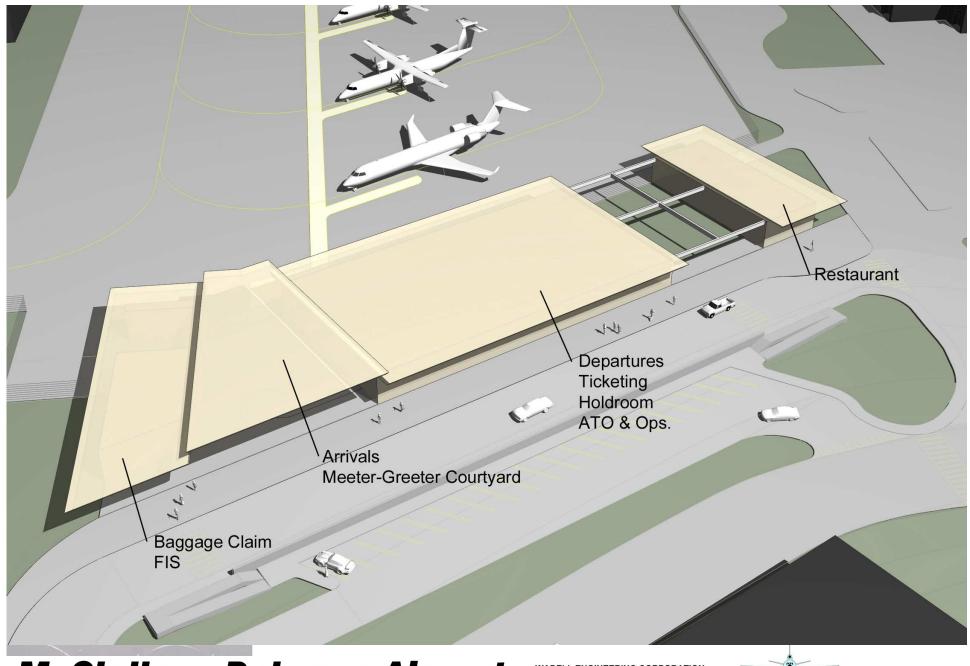


Longitudinal Section 1/32" = 1'-0" Scale



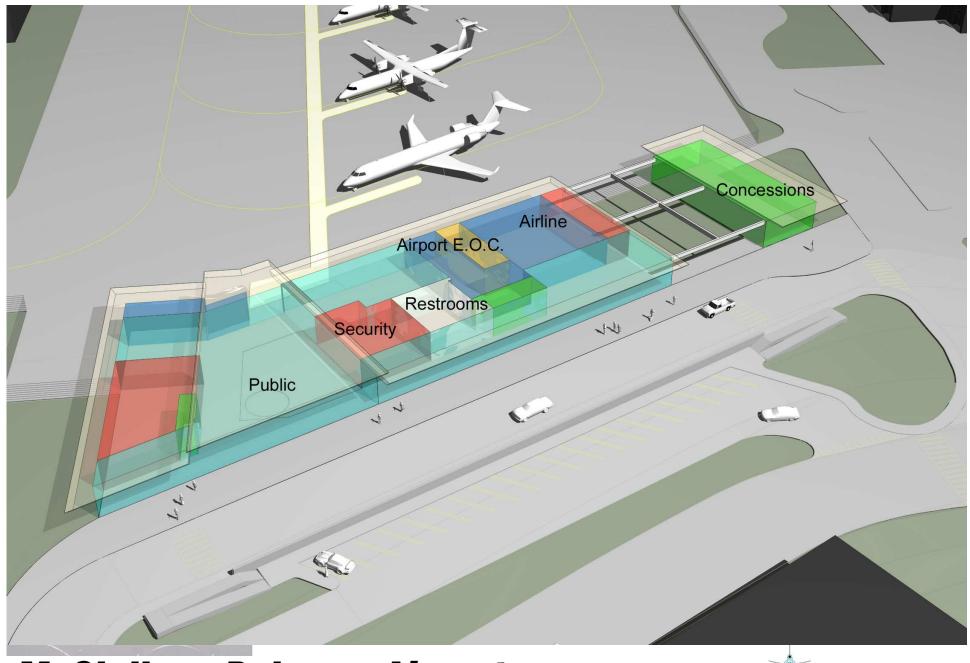






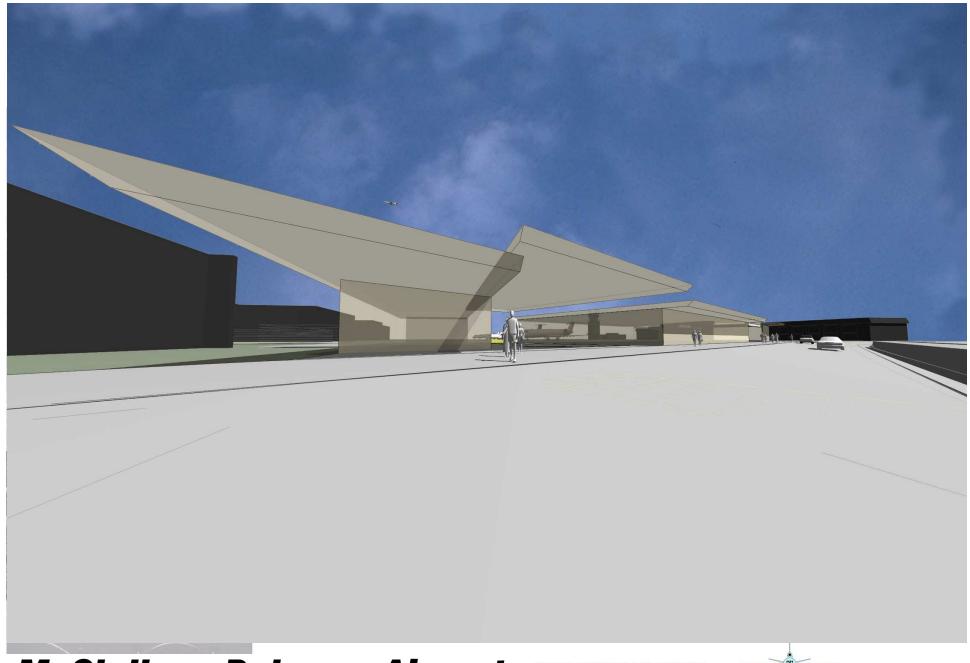
WADELL ENGINEERING CORPORATION





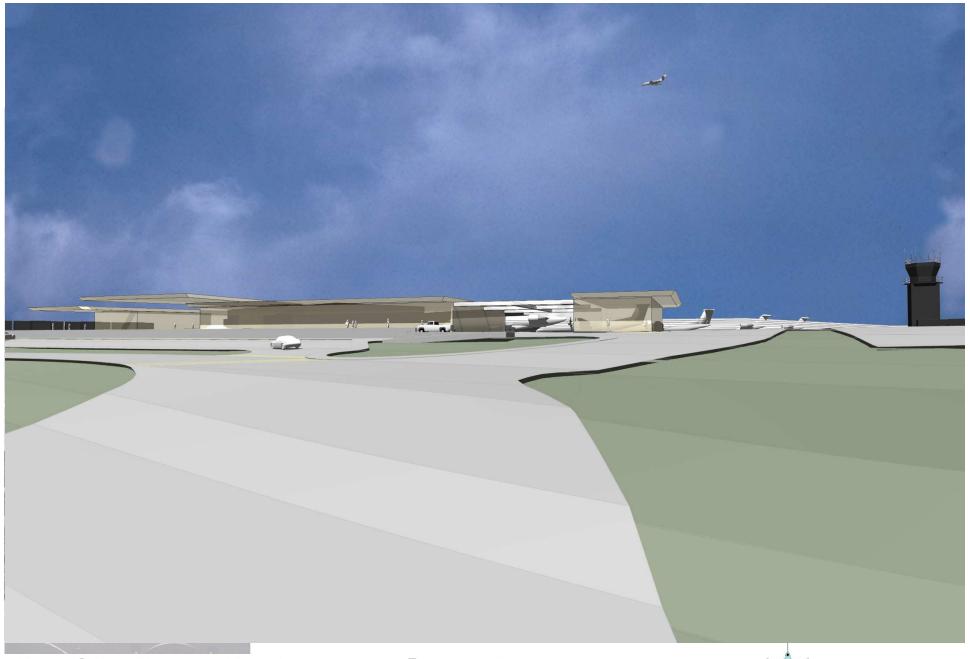
WADELL ENGINEERING CORPORATION





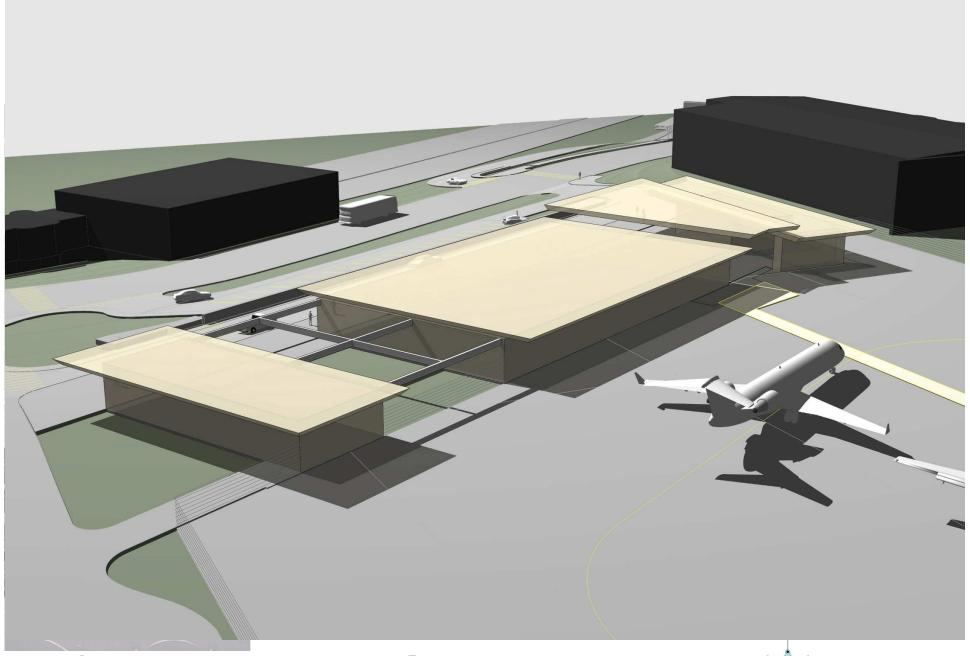
WADELL ENGINEERING CORPORATION





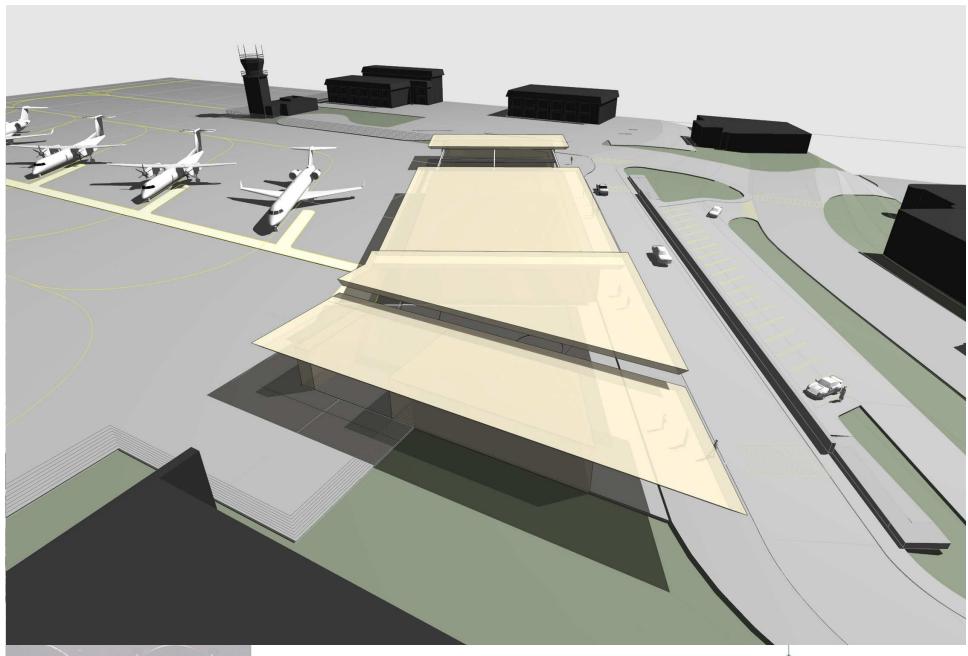
WADELL ENGINEERING CORPORATION





WADELL ENGINEERING CORPORATION





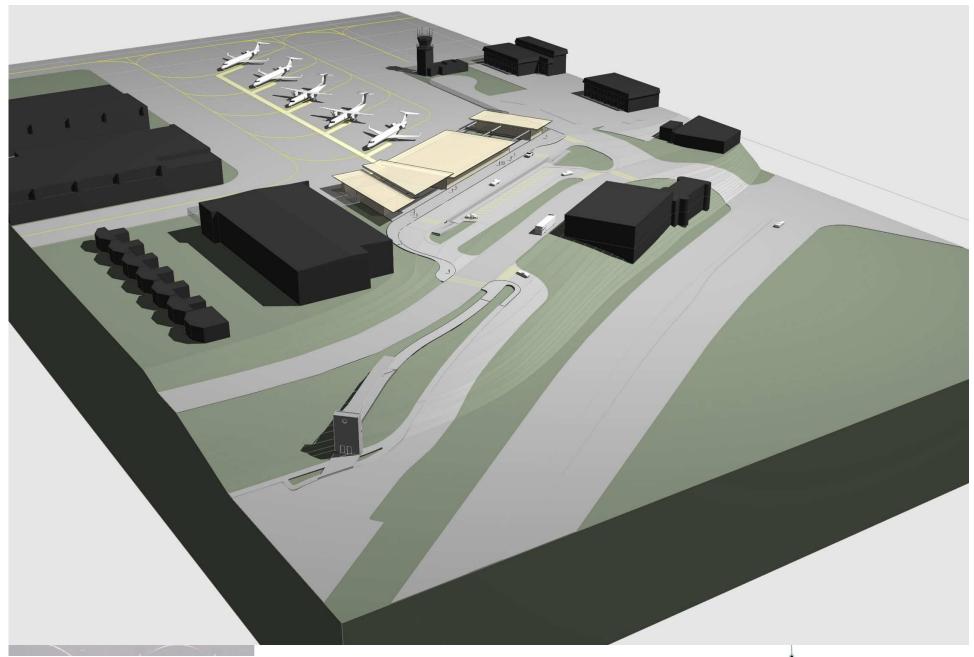
WADELL ENGINEERING CORPORATION





WADELL ENGINEERING CORPORATION





WADELL ENGINEERING CORPORATION

